

## I M P O R T A N T

If you have an application which requires the MITE Model 118A to accept logic-level, parallel signals; and desire to eliminate any necessity for your own equipment to time either the intelligence pulses or the print command, or both, please inquire about our proposed applique unit which will provide all timing and amplification required.

## MODEL 118-A SUBMINIATURIZED TAPE PRINTER



### SPECIFICATIONS

LENGTH	10 11/16"
WIDTH	4 13/16"
HEIGHT	1 7/8"

MITE CORPORATION  
NEW HAVEN, CONNECTICUT

S-003  
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INFORMATION SHEET  
MITE CORPORATION  
MODEL 118-A SUBMINIATURIZED TAPE PRINTER

The MITE Corporation Model 118-A Subminiaturized Tape Printer is designed for use in applications where a highly portable, very small size printer is required, such as mobile, airborne and interior communications systems.

All connections are made through a printed-circuit or "Amphenol" type connector at the rear of the equipment.

The equipment may be furnished with any 16, 32 or 64 character alphabet; standard Baudot communications, standard weather, ASCII Dense Sub-Set, Fieldata, or special characters and symbols as required.

TECHNICAL DATA

**CHARACTER DATA:**

Size: .098" high x .062 wide  
Number per inch: 9.3  
Center-to-Center Spacing: .107"  
Number per 3" roll of tape: Approximately 22,000

**RECORDING MEDIUM:**

Type: Self-contained, impact sensitive carbonless high speed printer paper  
Size: 5/16" wide 3" roll  
Length: Approximately 170 feet  
Thickness: .003"  
Weight: 1 ounce per roll

**OPERATIONAL DATA:**

Speed: Infinitely variable up to 10 characters per second (100wpm)

**SIGNAL INPUT DATA:**

Type: 4, 5, and 6-wire intelligence plus 1-wire print command

Levels:

B I T	C O L	26 ± 4 VDC		47 ± 4 VDC	
		Resistance (OHMS)	Current (MA)	Resistance (OHMS)	Current (MA)
b <sub>1</sub>	L1	75	350	200	235
b <sub>2</sub>	L2	125	210	310	152
b <sub>3</sub>	L3	58	450	210	224
b <sub>4</sub>	L4	75	350	200	235
b <sub>5</sub>	L5	125	210	310	152
b <sub>6</sub>	L6	58	450	210	224
Print Comm	L7	18	1500	72	653

Voltage: 26 ± 4 or 47 ± 4 Volts DC  
Standby Power: None  
Average Power: 32 Watts  
Maximum Power: 85 Watts  
Duty Cycle per Character: 100 ms: Intelligence – Time 0 thru time 80  
Print Command – Time 50 thru time 75      Reset – Time 80 thru time 100

**PHYSICAL CHARACTERISTICS APPROXIMATELY:**

Size: 4-13/16" wide by 10-11/16" long by 1-7/8" high (Not including feet or mating connector)  
Weight: 3 lbs., 12 oz.

**SPECIAL FEATURES:**

1. Last character printed always visible.
2. No tools required for paper tape replacement. Low Paper Tape Alarm Kit available.
3. Variety of mounting bases and flange adapters available.
4. 3" recording tape roll self-contained. Provisions can be made for mounting larger roll externally.